What is claimed is:

1. A method, comprising:

recording data related to a status of a prescribed cardiac resynchronization therapy (CRT) in a cardiac rhythm management (CRM) device;

processing the data into trended data useful for assessing the status of the prescribed CRT; and

presenting the trended data for use to assess the status of the prescribed CRT.

2. The method of claim 1, wherein recording data related to a status of a prescribed CRT in a CRM device includes recording realized CRT data.

3. The method of claim 2, wherein recording realized CRT data includes recording a value corresponding to CRT delivery, the value being at least one from the group consisting of a percentage value and an absolute value.

4. The method of claim 2, wherein recording realized CRT data includes recording a value corresponding to ventricular pacing, the value being at least one from the group consisting of a percentage value and an absolute value, the ventricular pacing being at least one from a group consisting of right ventricular pacing (RV PACE) and left ventricular pacing (LV PACE).

5. The method of claim 2, wherein recording realized CRT data includes recording a value corresponding to atrial tachycardia (AT), the value being at least one from the group consisting of a percentage value and an absolute value.

6. The method of claim 2, wherein recording realized CRT data includes recording a value corresponding to capture, the value being at least one value from the group of values consisting of a percentage value and an absolute value.

7. The method of claim 2, wherein recording realized CRT data includes recording a value corresponding to a value above a programmed rate, the value being at least one from the group consisting of a percentage value and an absolute value, the programmed rate being at least one from the group consisting of a programmed maximum tracking rate (MTR), a programmed maximum sensing rate (MSR), and a programmed maximum pacing rate (MPR).

8. The method of claim 2, wherein recording realized CRT data includes recording a value corresponding to a mode of operation, the value being at least one from the group consisting of a percentage value and an absolute value, the mode being at least one from the group consisting of a tracking mode (TT) of operation and a non-tracking mode (TN) of operation.

9. The method of claim 2, wherein recording realized CRT data includes recording a value corresponding to a CRT delivery results, the value being at least one from the group consisting of a percentage value and an absolute value, the CRT delivery results being at least one from the group consisting of CRT therapy that was successfully delivered (TTCRT) and CRT therapy that was not successfully delivered (TNCRT).

10. The method of claim 1, wherein recording data related to a status of a prescribed CRT in a CRM device includes recording prescribed CRT data corresponding to programmed CRT-related parameters.

11. The method of claim 1, wherein recording data related to a status of a prescribed CRT in a CRM device includes recording a CRM device operating mode.

12. The method of claim 11, wherein recording a CRM device operating mode includes recording data to permit association between recorded data and a pacing mode of the CRM device when the data is recorded.

13. The method of claim 1, wherein recording data related to a status of a prescribed CRT in a CRM device includes recording other CRM device data capable of affecting the status of the prescribed CRT in the CRM device.

14. The method of claim 1, wherein recording data related to a status of a prescribed CRT in a CRM device includes recording a time associated with recording at least one of realized CRT data, prescribed CRT data, and a CRM device operating mode.

15. The method of claim 1, wherein processing the data into trended data useful for assessing the status of the prescribed CRT includes processing the trended data for displaying a representation of the trended data.

16. The method of claim 1, wherein processing the data into trended data useful for assessing the status of the prescribed CRT includes executing an algorithm on the data to assist with assessing the status of the CRT.

17. The method of claim 1, further comprising using the status of the prescribed CRT to assist with determining an adjustment to improve the prescribed CRT.

18. The method of claim 17, wherein presenting the trended data for use to assess the status of the prescribed CRT includes displaying graphs of the trended data.

19. The method of claim 17, wherein presenting the trended data for use to assess the status of the prescribed CRT includes displaying a table containing the trended data.

20. The method of claim 17, wherein presenting the trended data for use to assess the status of the prescribed CRT includes providing an alert corresponding to the status of the prescribed CRT.

21. The method of claim 1, wherein the status of the prescribed CRT includes a chronic, ambulatory status.

22. The method of claim 1, further comprising initiating a trigger, wherein data related to the status of the prescribed CRT in the CRM device is recorded after initiating the trigger.

23. The method of claim 1, wherein processing the data into trended data includes trending N samples per unit time.

24. The method of claim 1, wherein processing the data into trended data includes trending N samples per unit time until a predetermined change occurs in delivered CRT, and then trending M samples per unit time.

25. The method of claim 1, wherein processing the data into trended data includes trending N samples per unit time until a predetermined threshold is reached related to delivered CRT, and then trending M samples per unit time.

26. The method of claim 1, wherein processing the data into trended data includes trending N samples per unit time until a predetermined event occurs, and then trending M samples per unit time.

27. The method of claim 1, wherein processing the data into trended data includes trending M samples per unit time after initiation of a trigger selected from a group consisting of: a predetermined change in delivered CRT, a predetermined threshold related to delivered CRT, and a predetermined event.

28. The method of claim 1, wherein processing the data into trended data includes:

trending a first parameter before a trigger selected from a group consisting of a predetermined change in delivered CRT, a predetermined threshold related to delivered CRT, and a predetermined event; and

trending a second parameter after the trigger.

29. An implantable cardiac rhythm management (CRM) device, comprising:

a plurality of interface channels to interface with a plurality of electrodes on at least one lead, wherein the plurality of interface channels are adapted to deliver pacing pulses to at least one of the plurality of electrodes and to receive sensed cardiac signals from at least one of the plurality of electrodes as part of a prescribed cardiac resynchronization therapy (CRT);

a memory embedded with computer instructions;

a controller to communicate with the plurality of interface channels and with the memory, the controller to control delivery of the pacing pulses, to process the sensed signals, and to record CRT-related data relevant to a status of the prescribed CRT to the memory; and

a communication circuit to transmit the CRT-related data to an external device for presentation of data trends useful to assess the status of the prescribed CRT.

30. The device of claim 29, wherein the data relevant to a status of the prescribed CRT includes a chronic, ambulatory data.

31. The device of claim 29, wherein the plurality of interface channels include:

a right ventricle (RV) interface channel for use in sensing and pacing a right ventricle of a heart;

a left ventricle (LV) interface channel for use in sensing and pacing a left ventricle of a heart; and

a right atrium (RA) interface channel for use in sensing and pacing an atrium of the heart.

32. The device of claim 29, wherein the controller is adapted to record prescribed CRT data and time information in the memory.

33. The device of claim 29, wherein the controller is adapted to record realized CRT data and time information in the memory.

34. The device of claim 29, wherein the controller is adapted to record a pacing mode and time information in the memory.

35. The device of claim 34, wherein the controller is adapted to record when the device is operating in an atrial tracking mode to the memory.

36. The device of claim 29, wherein the controller is adapted to trend samples of CRT-related data relevant to the status of the prescribed CRT to the memory, including to trend N samples per unit time.

37. The device of claim 29, wherein the controller is adapted to trend samples of CRT-related data relevant to the status of the prescribed CRT to the memory, including to trend N samples per unit time until a predetermined change occurs in delivered CRT, and then trend M samples per unit time.

38. The device of claim 29, wherein the controller is adapted to trend samples of CRT-related data relevant to the status of the prescribed CRT to the memory, including to trend N samples per unit time until a predetermined threshold is reached related to delivered CRT, and then trend M samples per unit time.

39. The device of claim 29, wherein the controller is adapted to trend samples of CRT-related data relevant to the status of the prescribed CRT to the memory,

including to trend N samples per unit time until a predetermined event occurs, and then trend M samples per unit time.

40. The device of claim 29, wherein the controller is adapted to trend samples of CRT-related data relevant to the status of the prescribed CRT to the memory, including to trend M samples per unit time after initiation of a trigger selected from a group consisting of: a predetermined change in delivered CRT, a predetermined threshold related to delivered CRT, and a predetermined event.

41. The device of claim 29, wherein the controller is adapted to trend samples of CRT-related data relevant to the status of the prescribed CRT to the memory, including to trend a first parameter before a trigger selected from a group consisting of a predetermined change in delivered CRT, a predetermined threshold related to delivered CRT, and a predetermined event, and to trend a second parameter after the trigger.

42. The device of claim 41, wherein the CRT-related data includes a value corresponding to CRT delivery, the value being at least one from the group consisting of a percentage value and an absolute value.

43. The device of claim 41, wherein the CRT-related data includes a value corresponding to ventricular pacing, the value being at least one from the group consisting of a percentage value and an absolute value, the ventricular pacing being at least one from a group consisting of right ventricular pacing (RV PACE) and left ventricular pacing (LV PACE).

44. The device of claim 41, wherein the CRT-related data includes a value corresponding to atrial tachycardia (AT), the value being at least one from the group consisting of a percentage value and an absolute value.

45. The device of claim 41, wherein the CRT-related data includes a value corresponding to capture, the value being at least one value from the group of values consisting of a percentage value and an absolute value.

46. The device of claim 41, wherein the CRT-related data includes a value corresponding to a value above a programmed rate, the value being at least one from the group consisting of a percentage value and an absolute value, the programmed rate being at least one from the group consisting of a programmed maximum tracking rate (MTR), a programmed maximum sensing rate (MSR), and a programmed maximum pacing rate (MPR).

47. The device of claim 41, wherein the CRT-related data includes a value corresponding to a mode of operation, the value being at least one from the group consisting of a percentage value and an absolute value, the mode being at least one from the group consisting of a tracking mode (TT) of operation and a non-tracking mode (TN) of operation.

48. The device of claim 41, wherein the CRT-related data includes a value corresponding to a CRT delivery results, the value being at least one from the group consisting of a percentage value and an absolute value, the CRT delivery results being at least one from the group consisting of CRT therapy that was successfully delivered (TTCRT) and CRT therapy that was not successfully delivered (TNCRT).

49. A system, comprising:

an implantable cardiac rhythm (CRM) device to perform a prescribed cardiac resynchronization therapy (CRT), the CRM device including:

a set of interface channels to provide a prescribed cardiac resynchronization therapy (CRT), wherein at least one of the channels is adapted to deliver pacing pulses to at least one of a plurality of electrodes and at least one of the channels is

adapted to receive sensed cardiac signals from at least one of the plurality of electrodes;

a memory embedded with controller instructions;

a controller to communicate with the set of interface channels and the memory, the controller to execute the controller instructions to control delivery of the pacing pulses, to process sensed cardiac signals, and to record CRT-related data relevant to a status of the prescribed CRT to the memory of the CRM device; and

a communication circuit to communicate with the controller and to transmit and receive wireless communication signals; and

a programmer to program the CRM device to provide the prescribed CRT, the programmer including:

a memory embedded with controller instructions;

a controller to communicate with the memory and execute the controller instructions;

a communication circuit to communicate with the controller and to transmit and receive wireless communication signals such that the programmer is capable of wirelessly communicating with the CRM device, and such that the CRT-related data is communicated from the memory of the CRM device to the memory of the programmer; and

a monitor to communicate with the controller to display information corresponding to trended data samples indicative of the status of the prescribed CRT.

50. The system of claim 49, wherein the status of the prescribed CRT includes a chronic, ambulatory status.

51. The system of claim 49, wherein the memory of the CRM device includes controller instructions to be executed by the controller of the CRM device to trend the data samples.

52. The system of claim 49, wherein the memory of the programmer includes controller instructions to be executed by the controller of the programmer to trend the data samples.

53. The system of claim 49, wherein the information displayed on the monitor includes at least one of:

a graph of the trended data samples;

a table containing the trended data samples; and

an alert corresponding to the status of the prescribed CRT.

54. A system, comprising:

an implantable cardiac rhythm (CRM) device to perform a prescribed cardiac resynchronization therapy (CRT), the CRM device including:

means for delivering pacing pulses to at least one of a plurality of electrodes;

means for receiving sensed cardiac signals from at least one of the plurality of electrodes;

means for controlling delivery of the pacing pulses and processing the sensed cardiac signals to perform the prescribed CRT;

means for recording CRT-related data corresponding to a status of the prescribed CRT; and

means to transmit and receive wireless communication signals; and

a programmer to program the CRM device to provide the prescribed CRT, the programmer including:

means to transmit and receive wireless communication signals such that the programmer is capable of wirelessly communicating with the CRM device; and

means to display information corresponding to trended data indicative of the status of the prescribed CRT.

55. The system of claim 54, wherein the status of the prescribed CRT includes a chronic, ambulatory status of the prescribed CRT.

56. The system of claim 54, wherein the means to display information includes a graph of the trended data.

57. The system of claim 54, wherein the means to display information includes a table of the trended data.

58. The system of claim 54, wherein the CRT-related data includes prescribed CRT data.

59. The system of claim 54, wherein the CRT-related data includes realized CRT data.

60. The system of claim 54, wherein the CRM device further includes means to detect a trigger, and means to trend data samples based on the trigger.